



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Rao, et al.) Group Art Unit: 1742
Serial No: 10/829,660) Examiner: Unknown
Filed: April 22, 2004) Our Account No: 04-1403
Confirmation No: 6822) Customer No: 22827
Title: Novel Synthesis Of Branched Carbon Nanotubes)

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Sir:

The following is an Information Disclosure Statement for the captioned patent application, pursuant to 37 CFR Sections 1.56, 1.97, and 1.98.

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- b.[x] A legible copy of each patent, publication, or other item listed per Rule 98(1)(2), unless not required per Rule 98 and/or as indicated on the attached list(s):
22 item(s)
- c.[] For each non-English language item listed, pursuant to Rule 98(a)(3), a concise explanation of the relevance thereof as it is presently understood by the individual designated in Rule 56(c) most knowledgeable about the content of such items: _____

[] Such explanation is provided in the Search Report from a corresponding application enclosed herewith along with any enclosed translation into English.

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(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: CXU-406	Serial Number: 10/829.660
	Applicant: Rao, et al.	
	Filing Date: April 22, 2004 Confirmation No: 6822	Group Art Unit: 1742

- NOTE: If no indication is made in the column marked "COPY NOTE," the required legible copy of the corresponding item is submitted herewith; otherwise, a copy is not required and/or not submitted, for the following reason(s) [corresponding reason number is listed in "COPY NOTE" column]
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U.S. PATENT DOCUMENTS											
EXAMINER INITIALS	PATENTEE NAME	PATENT NUMBER							ISSUE DATE	COPY NOTE	
	Moy, et al.	6	2	2	1	3	3	0	04/24/2001	5	
	Brown, et al.	6	2	9	7	0	6	3	10/02/2001	5	
	Li, et al.	6	3	2	5	9	0	9	12/04/2001	5	
	Resasco, et al.	6	3	3	3	0	1	6	12/25/2001	5	
	Lee, et al.	6	3	5	0	4	8	8	02/26/2002	5	
	Gao, et al.	6	3	6	1	8	6	1	03/26/2002	5	
	Lal	6	4	5	1	1	7	5	09/17/2002	5	
	Chen, et al.	6	4	9	5	2	5	8	12/17/2002	5	
	Baughman, et al.	6	5	5	5	9	4	5	04/29/2003	5	
	Coll, et al.	6	5	9	6	1	8	7	07/22/2003	5	
	Nesper, et al.	6	6	0	5	2	6	6	08/12/2003	5	

U.S. PATENT APPLICATION PUBLICATIONS											
EXAMINER INITIALS	APPLICANT'S NAME	PUBLICATION NUMBER							PUBLICATION DATE	COPY NOTE	
	Ting, et al.	0	1	1	8	7	2	7	06/26/2003	5	
	Horiuchi, et al.	0	1	7	2	6	3	9	11/21/2002	5	
	Geobegan, et al.	0	1	7	9	5	6	4	12/05/2002	5	

FOREIGN PATENT DOCUMENTS														
EXAMINER INITIALS		COUNTRY	DOCUMENT NUMBER							PUBLICATION DATE	TRANSLATION			COPY NOTE
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(Rev. 5/92) Information Disclosure Statement List By Applicant(s) Under 37 CFR Section 1.98(a) (1) (Use several sheets if necessary)	Attorney Docket Number: CXU-406	Serial Number: 10/829,660
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EXAMINER INITIALS	OTHER DOCUMENTS Specify author (if any), Title, Pertinent Pages, Date & Place of Publication	COPY NOTE
	Article – <i>Branching carbon nanotubes deposited in HFCVC system</i> , Bo Gan, J. Ahn, Qing Zhang, S. F. Yoon, Rusli, Q.-F. Huang, H. Yang, M.-B. Yu, and W.-Z. Li, <i>Diamond and Related Materials</i> , Vol. 9, 2000, pp. 897-900	
	Article – <i>Complex branching phenomena in the growth of carbon nanotubes</i> , Dan Zhou and Supapan Seraphin, <i>Chemical Physics Letters</i> , Vol. 238, June 2, 1995, pp. 286-289	
	Article – <i>Controlled Growth of Y-Junction Nanotubes Using Ti-Doped Vapor Catalyst</i> , N. Gothard, C. Daraio, J. Gaillard, R. Zidan, S. Jin, and A. M. Rao, <i>Nano Letters</i> , Vol. 0, No. 0, pp. A-E,	
	Article – <i>Electronic Transport in Y-Junction Carbon Nanotubes</i> , C. Papadopoulos, A. Rakitin, J. Li, A. S. Vedenev, and J. M. Xu, <i>Physical Review Letters</i> , Vol. 85, No. 16, October 16, 2000, pp. 3476-3479	
	Article – <i>Growing Y-junction carbon nanotubes</i> , Jing Li, Chris Papadopoulos, and Jimmy Xu, <i>Nature</i> , Vol. 402, November 18, 1999, pp. 253-254	
	Article – <i>Straight carbon nanotube Y junctions</i> , W. Z. Li, J. G. Wen, and Z. F. Ren, <i>Applied Physics Letters</i> , Vol. 79, No. 12, September 17, 2001, pp. 1879-1881	
	Article – <i>Synthetic Strategies for Y-junction carbon nanotubes</i> , F. L. Deepak, A. Govindaraj, and C. N. R. Rao, <i>Chemical Physics Letters</i> , Vol. 345, September 7, 2001, pp. 5-10	
	Article – <i>Y-junction carbon nanotubes</i> , B. C. Satishkumar, P. John Thomas, A. Govindaraj, and C. N. R. Rao, <i>Applied Physics Letters</i> , Vol. 77, No. 16, October 16, 2000, pp. 2530-2532	
EXAMINER	DATE CONSIDERED	
Examiner:	initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.	